

IN THE CLAIMS:

Claims 1-7, 14 and 15 (Canceled).

8. (Original) A method for manufacturing a guidewire having a core and a coil spiraled in a plurality of convolutions around the core, comprising the steps of:

 forming the core of a first metallic material;

 forming the coil of a second metallic material different than the first metallic material; and

 mechanically interlocking the coil and the core.

9. (Original) The method recited in Claim 8 wherein the mechanical interlocking step includes the steps of:

 providing an enlargement; and

 mechanically bonding the enlargement to the coil.

10. (Original) The method recited in Claim 9 wherein the bonding step includes the steps of:

 bonding the enlargement to the coil by one of welding, soldering, and adhering the enlargement to the coil.

11. (Original) The method recited in Claim 8 further comprising the steps of:

 providing the coil with a convolution forming a bridge; and

 during the mechanical interlocking step, bending the core over the bridge.

12. (Original) The method recited in Claim 11 wherein the bending step includes the step of bending the core in at least one revolution around the bridge.

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13. (Original) The method recited in Claim 12 further comprising the step of: after the bending step, fixing the core to itself.